IBM LaserPrinter and LaserPrinter E

A family of laser printers that stands out above the rest

High-quality printing...reliable performance...PostScript® options...commendation from *PC Magazine*—get them all with the IBM LaserPrinter and LaserPrinter E. Recently awarded both the Editor's Choice[1] and Technical Excellence Awards[2] by *PC Magazine*, the LaserPrinter is an ideal solution for any individual or business with diverse printing needs. Also an Editor's Choice recipient,[3] the LaserPrinter E is designed for users requiring a personal laser printer, or for shared environments with moderate printing requirements. It includes most of the LaserPrinter's features—at a more affordable price.

Here's their main difference: The LaserPrinter can print up to ten pages per minute—and as many as 20,000 pages per month—while the LaserPrinter E can print up to five pages per minute and turn out up to 12,000 pages per month.

With an upgrade option, however, the LaserPrinter E can be converted to the higher-speed model. Both printers come with the same convenient High Yield + Print Cartridge and use the same font cards, printer-sharing option, and paper-handling features. And no matter what they're printing, both printers set new standards in printing excellence.

IBM LaserPrinters at work

Here are some of the ways to put the IBM LaserPrinters to work for you:

- Print high-quality multipage letters, with envelopes, in sequence, without any difficulty
- Produce professional-looking business presentations for client meetings
- Create foils for overhead projection right from the printer
- Publish a customer newsletter with unique typefaces and exciting images
- Share your printer with up to six users running different applications or different workstations

IBM

Feature	Benefit
PostScript Option (minimum 1MB required)	• Features the Adobe® type standard • Lets you print complicated jobs with a range of scalable outline fonts • Allows direct printing from IBM Interleaf™ Publisher, Aldus PageMaker® and other PostScript-supported publishing applications
Font Cards	• Offer you a wide range of type choices—as many as 48 font cards, each holding from six to 26 type styles
Connectivity	• Lets you attach both IBM LaserPrinters to IBM PCs, PS/1s,™ PS/2s,® RISC System/6000s,™ and many other non-IBM PCs with compatible interface • Links printers to a variety of local area networks (LANs) as workstation printers—including Token-Ring Networks and host attachments • Supports printer attachment to AS/400® and 3270 subsystems via IBM InfoWindow® displays
Printer Sharing Option	• Permits you to share the printers with up to six serially attached personal computers
Upgradeable DRAM memory (512KB to 4MB)	• Gives you additional memory for font storage and enhanced desktop publishing functions • Increases performance in PostScript mode (with 3.5MB)
Standard 200-Sheet Paper Tray (adjustable)	• Adjusts to accommodate four paper sizes
Enhanced paper-handling options	• Allow you to print multipage documents in sequence—including envelopes—in the same print job • Eliminate the need to remove and replace paper trays when you switch paper sizes
Optional 500-Sheet Second Paper Drawer	• Includes adjustable letter-size paper tray • Provides a second paper source • Increases printer capacity to 700 sheets • Requires no additional desk space—easily installs under printer
Optional 75-Envelope Feeder	• Enables you to print a wide range of envelopes automatically • Allows you to sequence your print jobs
Standard Single Element High Yield + Print Cartridge	• Can be used with both LaserPrinters • Prints up to 15,000 pages of typical text (2.8% coverage) • Costs 13% less to use than High Yield cartridge • Reduces supply stock requirement by 33%
Optional Single Element High Yield Print Cartridge	• Can be used with both LaserPrinters • Prints up to 10,000 pages of typical text (2.8% coverage) • Makes it easy to remove or replace cartridge yourself
Print flexibility	• Lets you print white on black; double-high, double-wide characters • Helps you outline objects on a page with text • Allows you to print in portrait or landscape orientation
300-dot-per-inch addressability	• Enables the LaserPrinters to produce crisp text and sharp images, graphics and bar codes
Plotter emulation	• Provides engineering and architectural design capability • Creates presentation foils directly onto transparencies • Allows combining of text and plotter data
Portrait or landscape orientation	• Lets you print both letter-style documents and spreadsheets with a simple command from the front control panel
Upgrade option	• Lets you convert your LaserPrinter E to a LaserPrinter to print up to ten pages per minute
Front control panel	• Includes low toner alert light, on/off switch • Gives you a choice of default paper source, print orientation, and more for easy setting
Compact size	• Enables the printers to fit practically anywhere—even on a normal-size desktop
Internal diagnostics	• Identify problems should they arise • Let you correct many problems quickly and keep downtime to a minimum

Wide range of options

Option Name	Part Number	Feature Code
Memory expansion		
1MB DRAM memory expansion card	1039136	9136
2MB DRAM memory expansion card	1039137	9137
3.5MB DRAM memory expansion card	1038675	8675
Optional paper handling		
500-Sheet Second Paper Drawer (letter-size paper tray included)	1039530	9530
500-Sheet Paper Trays (adjustable):		
letter—8.5″ x 11″	1039450	9450
legal—8.5″ x 14″	1039590	9590
200-Sheet Paper Trays (adjustable):		
letter—8.5″ x 11″	1039440	9440
legal—8.5″ x 14″	1039570	9570
75-Envelope Feeder	1039606	9606
Connectivity		
Printer Sharing Option (requires attachment cable)	1038958	8958
6′ parallel printer cable (for Printer Sharing Option)	1525612	5612
Serial computer cable (for Printer Sharing Option)		
20′	8509386	9386
50′	1038693	8693
Optional font capabilities		
Font Cards	1039003	S544-4228 (See Supplies/ Options Catalog for IBM Laser-Printer)
Downloadable Font Packages:		
Fixed Pitch	1039401	9401
Times Roman™ 36–60 points	1039402	9402
Times Roman 6–30 points	1039403	9403
Helvetica™ 36–60 points	1039404	9404
Helvetica 6–30 points	1039405	9405
Testimonial/Engravers' Olde English/Cursive	1039406	9406
Palatino™	1039407	9407
Optima™	1039408	9408
Goudy Old Style	1039409	9409
Baskerville	1039410	9410
Century Schoolbook	1039411	9411
Futura	1039412	9412
PostScript options		
PostScript Option (17 typefaces)	1058237	8076
PostScript Option Premium (39 typefaces)	1058239	8086
PostScript Font Card (for PostScript Option only—22 typefaces)	1038100	8100
Upgrade option		
Model E01 to 001 (field installable)	1320063	0121

A large selection of font options

Option Name	Part Number	Feature Code
Resident fonts		
Courier 10 (default)	N/A	N/A
Courier 12	N/A	N/A
Courier 17.1	N/A	N/A
Courier 10 Bold	N/A	N/A
Bold Face PS	N/A	N/A
Hewlett-Packard emulation modes		
Courier 10	N/A	N/A
Courier 10 Bold	N/A	N/A
Courier 16.7	N/A	N/A
Optional font cards		
Universal	1255800	N/A
Italic	1225801	N/A
Prestige Elite	1255802	N/A
Letter Gothic	1255803	N/A
Delegate	1255804	N/A
Script/OCR	1255805	N/A
Orator	1255806	N/A
Compressed	1255807	N/A
Press Roman	1255808	N/A
Foundry	1255809	N/A
Turkey	1255810	N/A
Hebrew 1	1255811	N/A
Canadian French	1255812	N/A
Arabic 1	1255813	N/A
Japan	1255814	N/A
Greek	1255815	N/A
Latin 2	1255816	N/A
Cyrillic	1255817	N/A
Arabic 2	1255818	N/A
Hebrew 2	1255819	N/A
Testimonial	1255820	N/A
Engravers' Olde English	1255821	N/A
Times Roman 12–18 points	1255822	N/A
Times Roman 6–10 points	1255823	N/A
Combo	1255824	N/A
Helvetica 12–18 points	1255825	N/A
Helvetica 6–10 points	1255826	N/A
Cursive	1255827	N/A
Palatino 12–18 points	1255828	N/A
Palatino 6–10 points	1255829	N/A
Optima 12–18 points	1255830	N/A
Optima 6–10 points	1255831	N/A
Century Schoolbook 12–18 points	1255832	N/A
Century Schoolbook 6–10 points	1255833	N/A
Goudy Old Style 12–18 points	1255834	N/A
Goudy Old Style 6–10 points	1255835	N/A
Baskerville 12–18 points	1255836	N/A
Baskerville 6–10 points	1255837	N/A
Futura 12–18 points	1255838	N/A
Futura 6–10 points	1255839	N/A
Hebrew 3	1255840	N/A
Supports M[4]	1255841	N/A
Supports R[4]	1255842	N/A
Supports U/V[4]	1255843	N/A
Supports Z[4]	1255844 and 1255845	N/A
Supports Resident[5]	1255846	N/A
Supports N[4]	1255847	N/A

Why IBM Printers?
Here are some of the reasons why IBM printers stand out among the rest for your business needs.

High-quality printing gives all your work a professional look—from drafts to text, graphics and images, too.

Paper-handling is made easier with adjustable paper drawers and feeders.

Enhanced connectivity supports intelligent communications between networks and printers.

Compatibility protects your investment since IBM printers work with IBM PS/2s and PCs, with many non-IBM PCs, AS/400s, 3270s and RISC System/6000, and with most popular IBM and non-IBM software programs, too.

Service and support provide your IBM printer with a full-year warranty and on-site services.

Reliability ensures that IBM printers are built to perform smoothly and dependably year after year.

IBM LaserPrinter and IBM LaserPrinter E at a glance

Description	Compact, laser desktop page printers for high-resolution text and graphics	
Machine numbers	4019-001 (LaserPrinter)	4019-E01 (LaserPrinter E)
Weight	33.6 lbs. (15.3 kg)	
Dimensions	Base machines: 10.2"H x 14.2"W x 20.5"D (266mm x 361mm x 521mm)	
Power	Low voltage: 100V–127V, 50/60 Hz High voltage: 200V–240V, 50/60 Hz (outside the U.S.)	
Operating environment	60°F to 90°F (15.6°C to 32.2°C); 8% to 80% relative humidity; 73°F (22.8°C) maximum wet bulb	
Printing speed	LaserPrinter: up to ten pages per minute LaserPrinter E: up to five pages per minute	
Interface	IBM PC parallel or RS232C serial interface connection (requires cable for serial connection—part number 6486685)	
Hardware compatibility	IBM Personal Computer, IBM Personal Computer XT,™ IBM Personal Computer XT 286, IBM Personal Computer AT,® IBM Personal System/2® Model 25 and higher, IBM RT,® IBM RISC System/6000, and many more IBM and non-IBM PCs with compatible interfaces IBM AS/400 and 3270 subsystems via IBM InfoWindow displays	
Printer data stream	IBM Personal Printer Data Stream (PPDS); Hewlett-Packard LaserJet Series II Printer Command Language (PCL); IBM Graphics Language (GL), Hewlett-Packard Graphics Language (GL)	
Paper requirements	Maximum length: 14" (355.6mm); minimum length: 7.5" (190.5mm) Maximum width: 8.5" (215.9mm); minimum width: 3.9" (98.4mm) Weight: 16–24 lbs. (7.2–10.8 kg); up to 35 lbs. (15.75 kg) manual feed	
Acoustics	50 dBA printing; 38 dBA idle	
Warranty	One-year limited warranty includes Customer Carry-in Repair (CCR). IBM On-Site Repair (IOR) available as an option.	

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[1] PC Magazine, November 1989.
[2] PC Magazine, January 1990.
[3] PC Magazine, November 1990.
[4] For use with data streams for Hewlett-Packard LaserJet Series II Printer.
[5] For use with data streams for Hewlett-Packard LaserJet Series IID Printer.

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Printed in the United States of America
12-90

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G221-2784-03